

55" CLASS (54.6" MEASURED DIAGONALLY)

47" CLASS (46.9" MEASURED DIAGONALLY)

42" CLASS (42.0" MEASURED DIAGONALLY)

55WS10

47WS10

42WS10

LCD  
MONITOR

Edge LED

Full HD Capable Monitor



NATIVE DISPLAY RESOLUTION  
1920 x 1080 (FHD)

HIGH BRIGHTNESS  
450 cd/m<sup>2</sup>

CONTRAST RATIO  
1,300:1 (Typ.), 50,000:1 (DCR)

178° VIEWING ANGLE

VIEWING ANGLE and LIFE EXPECTANCY  
Portrait and Landscape Mode

RGB, DVI, HDMI AND DP

RJ-45 LAN CONTROL

RS-232C CONTROL

CONVENIENT EXTERNAL SPEAKER-OUT



ENERGY STAR 5.1 COMPLIANT

SMART ENERGY SAVING

SPLIT ZOOM (self video wall)  
Up to 5 x 5 matrix - adjusts for bezel width

BEZEL WIDTH  
33.5mm (55" class)  
28.0mm (47" class)  
27.6mm (42" class)

AUTO BRIGHTNESS SENSOR

TEMPERATURE SENSOR

PIP/PBP

USB PLAYBACK

OPTIONAL HIDDEN SPEAKERS (SP-2000) &  
OPTIONAL STAND (ST-200T)

3-YEAR LIMITED WARRANTY  
parts/labor

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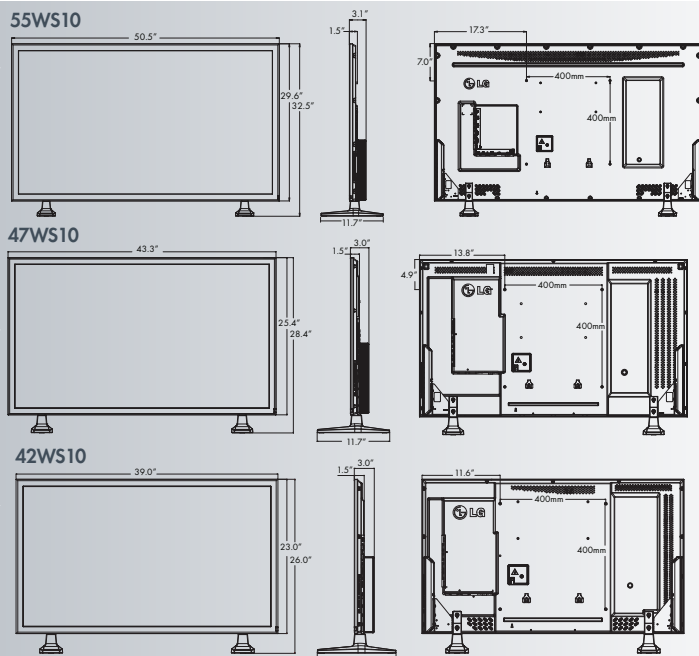


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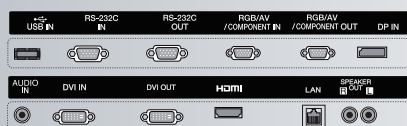
Life's Good

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47WS10  
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Rear Jack Pack Panel



## SPECIFICATIONS

## PANEL

Panel Technology	IPS
LCD Panel Type	55" class, 47" class, 42" class
Display Area	54.6" measured diagonally 46.9" measured diagonally 42.0" measured diagonally

Aspect Ratio	16:9
Native Resolution	1920 x 1080 (FHD)
Pixels (H x V x 3)	6,220,600
Brightness	450 cd/m <sup>2</sup>
Contrast Ratio	1,300:1 (Typ.), 50,000:1 (DCR)
Color Gamut	72%
T <sub>ni</sub>	110°C
Viewing Angle	178°/178°
Color Depth	1.06 Billion
Response Time	12ms (G to G)
Surface Treatment	Hard Coating (3H), Anti-glare
Lifetime	30,000 Hrs., Portrait & Landscape

## VIDEO

Max Input Resolution	1920 X 1080 @ 60Hz @ 60Hz (RGB, HDMI/DVI/DP)
Recommended Resolution	1920 X 1080 @ 60Hz @ 60Hz (RGB, HDMI/DVI/DP)
H-Scanning Frequency	30 ~ 83 kHz (RGB, HDMI/DVI/DP)
V-Scanning Frequency	56 ~ 75 Hz (RGB), 63Hz (HDMI/DVI/DP)
Pixel Frequency	148.5 MHz (RGB, HDMI/DVI/DP)
Sync Compatibility	Separate/Composite/Digital
Video Input	RGB, HDMI/DVI/DP
Picture mode	Vivid/Standard/Cinema/Sports/Game
Color temperature	Warm/Medium/Cool

## INPUT (REAR)

Digital	HDMI(1), DVI(1), Display Port(1) with HDCP
Analog	Component(1), Composite(1), RGB(1) (Shared with D-Sub)
Audio	PC/AV/Component Audio In(1)
External Control	RS232C(1), RJ45(1)
USB	Yes (x1)
HDTV Formats	Component: 720p/1080i/1080p HDMI: 720P/1080i/1080p

## OUTPUT (REAR)

Digital	DVI(1)
Analog	Component(1), Composite(1), RGB(1) (Shared with D-Sub)
Audio	External speaker
External Control	RS232C

## AUDIO

Balance	Yes
Audio Power	20W (10W x 2)
Speaker On/off	Yes
Clear Voice II	Yes
Sound mode	Standard, Music, Cinema, Sports, Game

## SPECIAL FEATURES

Temperature Sensor	Yes
Cooling FAN	Yes
Split Zoom (Self-Video Wall, 5 x 5 Max)	Yes, supports natural mode
Source Selection	AV, Component, RGB, Display Port, DVI, HDMI
Brightness/Contrast/Backlight	Yes
Position/Size	Yes
Auto Config/Phrase	Yes
Language (OSD)	English/French/Spanish/Italian/German/ Portuguese/Korean/Japanese/Chinese/Russian
Language (Manual)	English/French/Spanish/Italian/German/ Portuguese/Korean/Japanese/Chinese/Russian/ Hungarian/Greek/Dutch/Kazakh/Ukrainian/ Polish/Arabic/Indonesian

ISM Method	Normal/White wash/Orbiter/Inversion
Advanced	Dynamic Contrast, Dynamic Color, Clear White, Skin Color, Noise Reduction, Digital Noise Reduction, Gamma, Black Level
Time	Clock, On/off Time, Sleep Timer, Power on Delay, Auto Off
Information Display	Software Version, Serial Number, MAC Address, IP Address
Auto Power/Source Memory	Yes
Key Lock	Yes
DPM Select	Yes
Energy Saving	Yes, Auto/Minimum/Medium/Maxium
Smart Energy Saving	Yes
Power Indicator On/Off	Yes
File Play with USB	Yes
PIP/PBP	Yes

## ENVIRONMENT CONDITIONS

Operation Temperature	0°C ~ 40°C
Operation Humidity	10% ~ 80%

## CABINET

Color	Black		
Bezel Width	27.6mm (42"), 28.0mm (47"), 33.5mm (55")		
CABINET	42WS10	47WS10	55WS10
Dimensions			
Head only (W×H×D)	39.0" x 23.0" x 1.5"	43.4" x 25.4" x 1.5"	50.5" x 29.6" x 1.5"
with Stand (W×H×D)	39.0" x 26.0" x 1.7"	43.4" x 28.4" x 1.7"	50.5" x 32.5" x 1.7"
packaging (W×H×D)	42.5" x 26.8" x 9.8"	42.9" x 30.3" x 5.6"	53.9" x 34.6" x 6.9"
Weight			
Head only (W×H×D)	27.8 lbs (12.6 kg)	38.6 lbs (17.5 kg)	48.0 lbs (21.8 kg)
with Stand (W×H×D)	30.9 lbs (14 kg)	41.7 lbs (18.9 kg)	51.1 lbs (23.2 kg)
packaging (W×H×D)	34.8 lbs (15.8 kg)	47.4 lbs (21.5 kg)	59.1 lbs (26.8 kg)
VESA™ Standard Mount Interface	400mm x 400mm		

VESA™ Standard Mount Interface 400mm x 400mm

## POWER

Power Supply	100-240V~, 50/60Hz
Power Type	Built-in Power
Power Consumption	
Normal	115W(Typ) (42") 120W(Typ) (47") 140W(Typ) (55")
Smart Energy Saving	75W (42"), 85W (47"), 95W (55")
DPMS Off	1.0W(RGB)/2.0W(HDMI/DVI) (42") 1.0W(RGB)/2.0W(HDMI/DVI) (47") 1.0W(RGB)/2.0W(HDMI/DVI) (55")
Power Off	0.5W (42"), 0.5W (47"), 0.5W (55")

## STANDARD (CERTIFICATIONS)

Safety	UL / cUL / CB scheme / TUV
EMC	FCC Class "B" / VCCI / C-tick / CE / KCC
Erp/ENERGY STAR 5.1	Yes / Yes

## MEDIA PLAYER COMPATIBILITY

External Media player Attachable Yes

## SOFTWARE COMPATIBILITY

Supersign Compatibility	Elite-w
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## LIMITED WARRANTY

	3 Years (Parts/Labor)
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## UPC CODE

55WS10	7 19192 18930 0
47WS10	7 19192 18929 4
42WS10	7 19192 18928 7

## ACCESSORIES

Accessory	Remocon, Power cable, RGB Cable, Manual (CD/Book)
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## OPTIONAL ACCESSORIES

SP-2000 (Speaker)	
Speaker Dimensions (W x H x D)	1.9" x 11.4" x 4.2"
Speaker Weight (each)	1.8 lbs
Packaging Dimensions (W x H x D)	13.1" x 5.9" x 7.9"
Packed Weight	2.1 lbs (2 Speakers/1 Package)
ST-200T (stand)	
Stand Dimensions (W x H x D)	3.4" x 6.2" x 11.7"
Weight	3.1 lbs
Packaging Dimensions (W x H x D)	13" x 4.5" x 12.8"
Packed Weight	4.2 lbs



All screen images are simulated. Dimensions and weights are approximate. Design, specifications, and features subject to change without notice.

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